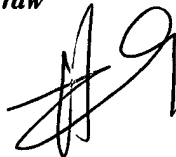


RAW SEQUENCE LISTING  
PATENT APPLICATION US/08/390,740ADATE: 09/03/96  
TIME: 17:36:03

INPUT SET: S12480.raw

This Raw Listing contains the General  
Information Section and up to the first 5 pages.



## SEQUENCE LISTING

**ENTERED**

## (1) General Information

(i) APPLICANT: Coleman, Roger  
Bandman, Olga  
Wilde, Craig G.

(ii) TITLE OF THE INVENTION: NEW CHEMOKINES EXPRESSED IN PANCREAS

(iii) NUMBER OF SEQUENCES: 11

## (iv) CORRESPONDENCE ADDRESS:

(A) ADDRESSEE: Incyte Pharmaceuticals, Inc.  
(B) STREET: 3174 Porter Drive  
(C) CITY: Palo Alto  
(D) STATE: CA  
(E) COUNTRY: U.S.  
(F) ZIP: 94304

## (v) COMPUTER READABLE FORM:

(A) MEDIUM TYPE: Diskette  
(B) COMPUTER: IBM Compatible  
(C) OPERATING SYSTEM: DOS  
(D) SOFTWARE: FastSEQ Version 1.5

## (vi) CURRENT APPLICATION DATA:

(A) APPLICATION NUMBER: 08/390,740  
(B) FILING DATE: February 17, 1995

## (viii) ATTORNEY/AGENT INFORMATION:

(A) NAME: Luther, Barbara J.  
(B) REGISTRATION NUMBER: 33,954  
(C) REFERENCE/DOCKET NUMBER: PF-0027 US

## (ix) TELECOMMUNICATION INFORMATION:

(A) TELEPHONE: 415-855-0555  
(B) TELEFAX: 415-852-0195

## (2) INFORMATION FOR SEQ ID NO:1:

## (i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 289 base pairs  
(B) TYPE: nucleic acid  
(C) STRANDEDNESS: single

RAW SEQUENCE LISTING  
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47 (D) TOPOLOGY: linear

48

49 (ii) MOLECULE TYPE: cDNA

50

51 (vii) IMMEDIATE SOURCE:

52 (A) LIBRARY: Human Pancreas

53 (B) CLONE: 223187

54

55 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:

56

57	ATGAAGGTCT	CCGCAGCACT	TCTGTGGCTG	CTGCTCATAG	CAGCTGCCTT	CAGCCCCCAG	60
58	GGGCTCACTG	GGCCAGCTTC	TGTCCCAACC	ACCTGCTGCT	TTAACCTGGC	CAATAGGAAG	120
59	ATACCCCTTC	AGCGACTAGA	GAGCTACAGG	AGAATCACCA	GTGGCAAATG	TCCCCAGAAA	180
60	GCTGTGATCT	TCAAGACCAA	ACTGGCCAAG	GATATCTGTG	CCGACCCCAA	GAAGAAGTGG	240
61	GTGCAGGATT	CCATGAAGTA	TCTGGACCAA	AAATCTCCAA	CTCCAAAGC		289

62

63

64 (2) INFORMATION FOR SEQ ID NO:2:

65

66 (i) SEQUENCE CHARACTERISTICS:

67 (A) LENGTH: 97 amino acids

68 (B) TYPE: amino acid

69 (C) STRANDEDNESS: single

70 (D) TOPOLOGY: linear

71

72 (ii) MOLECULE TYPE: peptide

73

74 (vii) IMMEDIATE SOURCE:

75 (A) LIBRARY: Human Pancreas

76 (B) CLONE: 223187

77

78 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:

79

80	Met	Lys	Val	Ser	Ala	Ala	Leu	Leu	Trp	Leu	Leu	Leu	Ile	Ala	Ala	Ala
81	1				5					10				15		
82	Phe	Ser	Pro	Gln	Gly	Leu	Thr	Gly	Pro	Ala	Ser	Val	Pro	Thr	Thr	Cys
83				20				25					30			
84	Cys	Phe	Asn	Leu	Ala	Asn	Arg	Lys	Ile	Pro	Leu	Gln	Arg	Leu	Glu	Ser
85			35				40					45				
86	Tyr	Arg	Arg	Ile	Thr	Ser	Gly	Lys	Cys	Pro	Gln	Lys	Ala	Val	Ile	Phe
87		50					55					60				
88	Lys	Thr	Lys	Leu	Ala	Lys	Asp	Ile	Cys	Ala	Asp	Pro	Lys	Lys	Lys	Trp
89		65				70				75					80	
90	Val	Gln	Asp	Ser	Met	Lys	Tyr	Leu	Asp	Gln	Lys	Ser	Pro	Thr	Pro	Lys
91					85					90					95	
92	Pro															

93

94

95 (2) INFORMATION FOR SEQ ID NO:3:

96

97 (i) SEQUENCE CHARACTERISTICS:

98 (A) LENGTH: 402 base pairs

99 (B) TYPE: nucleic acid

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100 (C) STRANDEDNESS: single  
101 (D) TOPOLOGY: linear  
102  
103 (ii) MOLECULE TYPE: cDNA  
104  
105 (vii) IMMEDIATE SOURCE:  
106 (A) LIBRARY: Human Pancreas  
107 (B) CLONE: 226152  
108  
109 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:  
110  
111 ATGGCTCAGT CACTGGCTCT GAGCCTCCTT ATCCTGGTTC TGGCCTTTGG CATCCCCAGG 60  
112 ACCCAAGGCA GTGATGGAGG GGCTCAGGAC TGTTGCCTCA AGTACAGCCA AAGGAAGATT 120  
113 CCCGCCAAGG TTGTCCGCAG CTACCGGAAG CAGGAACCAA GCTTAGGCTG CTCCATCCCA 180  
114 GCTATCCTGT TCTTGCCCCG CAAGCGCTCT CAGGCAGAGC TATGTGCAGA CCCAAAGGAG 240  
115 CTCTGGGTGC AGCAGCTGAT GCAGCATCTG GACAAGACAC CATCCCCACA GAAACCAGCC 300  
116 CAGGGCTGCA GGAAGGACAG GGGGGCCTCC AAGACTGGCA AGAAAGGAAA GGGCTCCAAA 360  
117 GGCTGCAAGA GGACTGAGCG GTCACAGACC CCTAAAGGGC CA 402  
118  
119

## (2) INFORMATION FOR SEQ ID NO:4:

120  
121 (i) SEQUENCE CHARACTERISTICS:  
122 (A) LENGTH: 134 amino acids  
123 (B) TYPE: amino acid  
124 (C) STRANDEDNESS: single  
125 (D) TOPOLOGY: linear  
126  
127 (ii) MOLECULE TYPE: peptide  
128  
129 (vii) IMMEDIATE SOURCE:  
130 (A) LIBRARY: Human Pancreas  
131 (B) CLONE: 226152  
132  
133 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:  
134  
135  
136 Met Ala Gln Ser Leu Ala Leu Ser Leu Leu Ile Leu Val Leu Ala Phe  
137 1 5 10 15  
138 Gly Ile Pro Arg Thr Gln Gly Ser Asp Gly Gly Ala Gln Asp Cys Cys  
139 20 25 30  
140 Leu Lys Tyr Ser Gln Arg Lys Ile Pro Ala Lys Val Val Arg Ser Tyr  
141 35 40 45  
142 Arg Lys Gln Glu Pro Ser Leu Gly Cys Ser Ile Pro Ala Ile Leu Phe  
143 50 55 60  
144 Leu Pro Arg Lys Arg Ser Gln Ala Glu Leu Cys Ala Asp Pro Lys Glu  
145 65 70 75 80  
146 Leu Trp Val Gln Gln Leu Met Gln His Leu Asp Lys Thr Pro Ser Pro  
147 85 90 95  
148 Gln Lys Pro Ala Gln Gly Cys Arg Lys Asp Arg Gly Ala Ser Lys Thr  
149 100 105 110  
150 Gly Lys Lys Gly Lys Gly Ser Lys Gly Cys Lys Arg Thr Glu Arg Ser  
151 115 120 125  
152 Gln Thr Pro Lys Gly Pro

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153 130

154

155

(2) INFORMATION FOR SEQ ID NO:5:

156

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 97 amino acids

(B) TYPE: amino acid

(C) STRANDEDNESS: single

(D) TOPOLOGY: linear

162

163

(ii) MOLECULE TYPE: peptide

164

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:

165

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Met Lys Val Ser Ala Ala Leu Leu Ala Leu Leu Leu Ile Ala Ala Ala  
1 5 10 15  
Phe Cys Pro Gln Gly Leu Ala Gln Pro Asp Gly Val Asp Thr Pro Thr  
20 25 30  
Thr Cys Cys Phe Asn Tyr Ile Asn Arg Lys Ile Pro Arg Gln Arg Leu  
35 40 45  
Glu Ser Tyr Arg Arg Ile Thr Ser Ser Lys Cys Ser Lys Pro Ala Val  
50 55 60  
Ile Phe Lys Thr Lys Arg Ala Lys Gln Val Cys Ala Asp Pro Lys Glu  
65 70 75 80  
Lys Trp Val Gln Asp Ser Met Lys His Leu Asp Lys Gln Thr Pro Lys  
85 90 95  
Pro

(2) INFORMATION FOR SEQ ID NO:6:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 92 amino acids

(B) TYPE: amino acid

(C) STRANDEDNESS: single

(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(vii) IMMEDIATE SOURCE:

(A) LIBRARY: GenBank

(B) CLONE: MIP-1a

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:

Met Gln Val Ser Thr Ala Ala Leu Ala Val Leu Leu Cys Thr Met Ala  
1 5 10 15  
Leu Cys Asn Gln Phe Ser Ala Ser Leu Ala Ala Asp Thr Pro Thr Ala  
20 25 30  
Cys Cys Phe Ser Tyr Thr Ser Arg Gln Ile Pro Gln Asn Phe Ile Ala  
35 40 45  
Asp Tyr Phe Glu Thr Ser Ser Gln Cys Ser Lys Pro Gly Val Ile Phe  
50 55 60

RAW SEQUENCE LISTING  
PATENT APPLICATION US/08/390,740ADATE: 09/03/96  
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INPUT SET: S12480.raw

206 Leu Thr Lys Arg Ser Arg Gln Val Cys Ala Asp Pro Ser Glu Glu Trp  
207 65 70 75 80  
208 Val Gln Lys Tyr Val Ser Asp Leu Glu Leu Ser Ala  
209 85 90  
210  
211

## (2) INFORMATION FOR SEQ ID NO:7:

## (i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 92 amino acids  
(B) TYPE: amino acid  
(C) STRANDEDNESS: single  
(D) TOPOLOGY: linear

## (ii) MOLECULE TYPE: peptide

## (vii) IMMEDIATE SOURCE:

- (A) LIBRARY: GenBank  
(B) CLONE: MIP-1b

## (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:

227  
228 Met Lys Leu Cys Val Thr Val Leu Ser Leu Leu Met Leu Val Ala Ala  
229 1 5 10 15  
230 Phe Cys Ser Pro Ala Leu Ser Ala Pro Met Gly Ser Asp Pro Pro Thr  
231 20 25 30  
232 Ala Cys Cys Phe Ser Tyr Thr Ala Arg Lys Leu Pro Arg Asn Phe Val  
233 35 40 45  
234 Val Asp Tyr Tyr Glu Thr Ser Ser Leu Cys Ser Gln Pro Ala Val Val  
235 50 55 60  
236 Phe Gln Thr Lys Arg Ser Lys Gln Val Cys Ala Asp Pro Ser Glu Ser  
237 65 70 75 80  
238 Trp Val Gln Glu Tyr Val Tyr Asp Leu Glu Leu Asn  
239 85 90  
240  
241

## (2) INFORMATION FOR SEQ ID NO:8:

## (i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 91 amino acids  
(B) TYPE: amino acid  
(C) STRANDEDNESS: single  
(D) TOPOLOGY: linear

## (ii) MOLECULE TYPE: peptide

## (vii) IMMEDIATE SOURCE:

- (A) LIBRARY: GenBank  
(B) CLONE: RANTES

## (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:

257 Met Lys Val Ser Ala Ala Arg Leu Ala Val Ile Leu Ile Ala Thr Ala  
258

**SEQUENCE VERIFICATION REPORT**  
**PATENT APPLICATION US/08/390,740A**

DATE: 09/03/96  
TIME: 17:36:20

PAGE: 1

*INPUT SET: S12480.raw*

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